Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007939.D
Acq On : 11 Nov 2021 02:10
Operator : CG/JU
Sample : M4605-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

Quant Time: Nov 11 10:21:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.852 | 152 | 138226 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.652 | 136 | 464839 | 20.000 | ng | #-0.01 |
| 39) Acenaphthene-d10 | 14.493 | 164 | 304806 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.245 | 188 | 703099 | 20.000 | ng | #-0.01 |
| 76) Chrysene-d12 | 21.333 | 240 | 839033 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 23.745 | 264 | 955643 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 744638 | 91.362 | ng | 0.00 |
| 7) Phenol-d6 | 7.028 | 99 | 885395 | 75.053 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.011 | 82 | 538392 | 62.217 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.987 | 330 | 433138 | 99.571 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.116 | 172 | 1254931 | 59.957 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.810 | 244 | 2402897 | 58.317 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

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QLast Update : Tue Nov 09 10:45:24 2021
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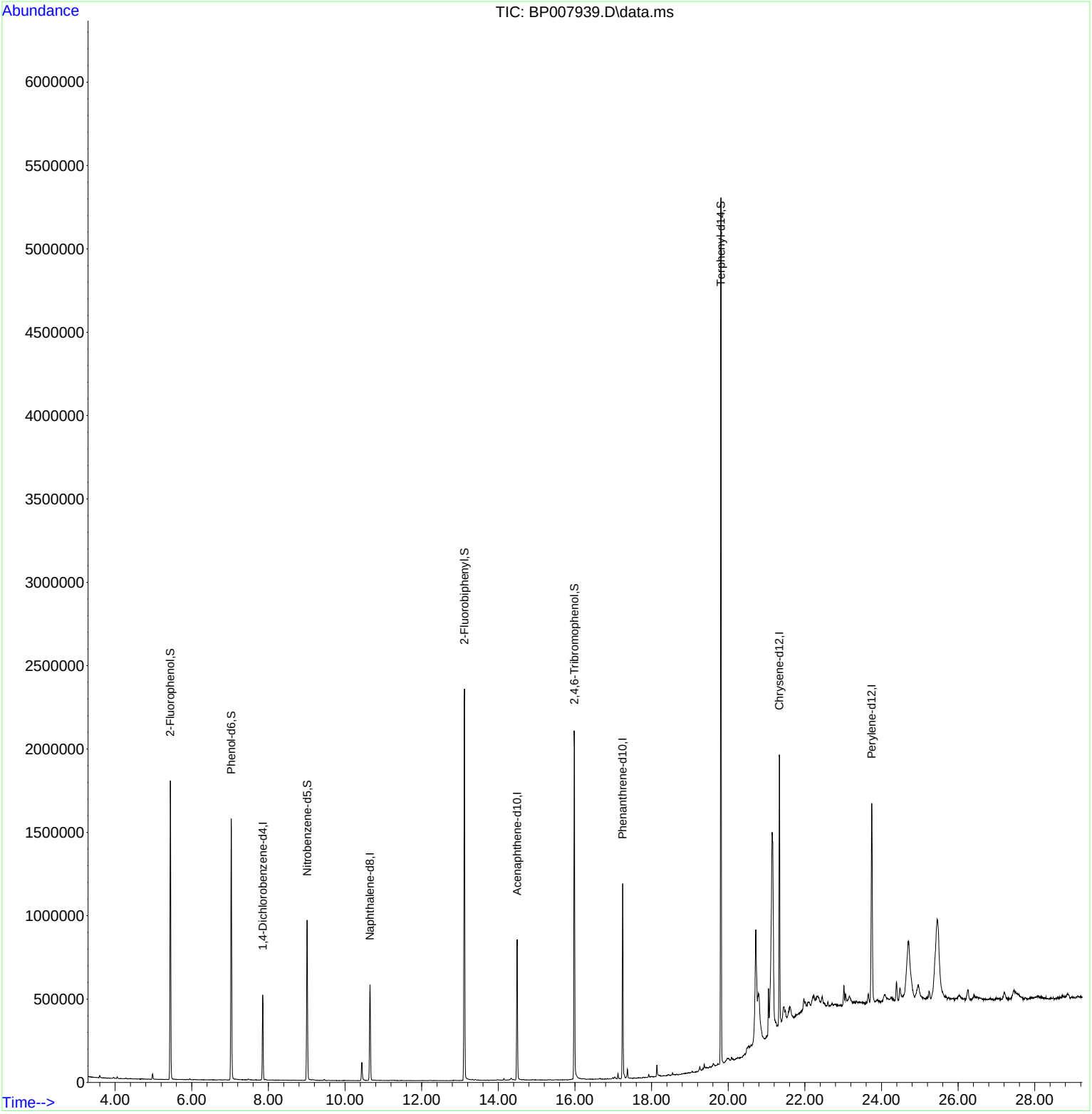
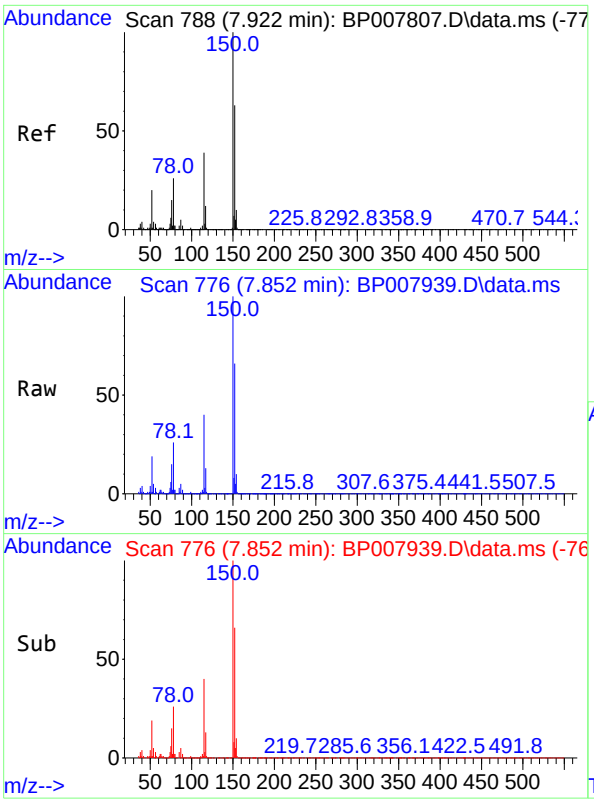


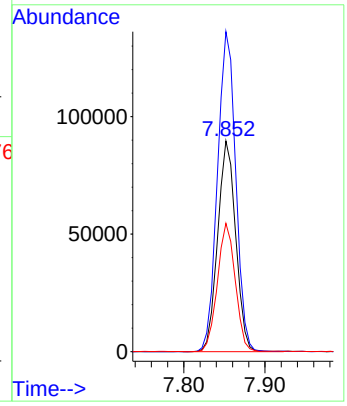


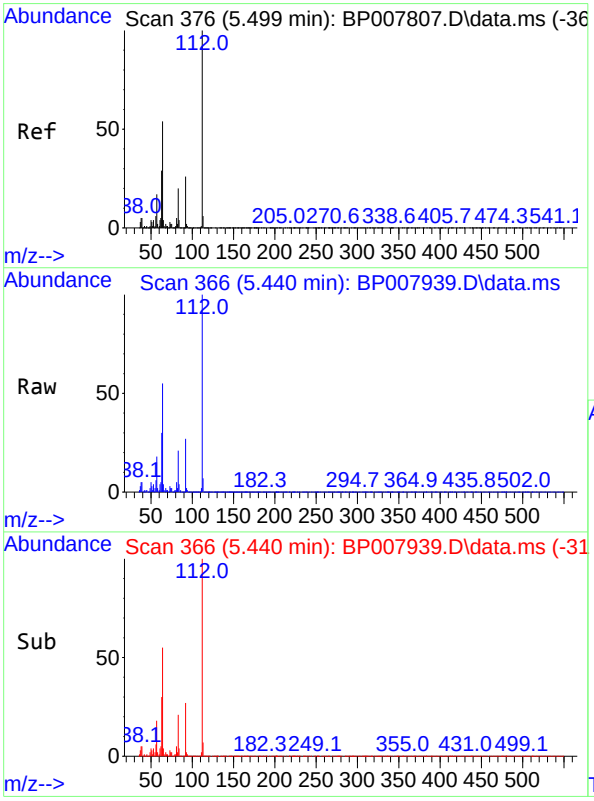

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

Tgt Ion:152 Resp: 138226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.8 | 124.1 | 186.1 |
| 115 | 60.9 | 48.1 | 72.1 |

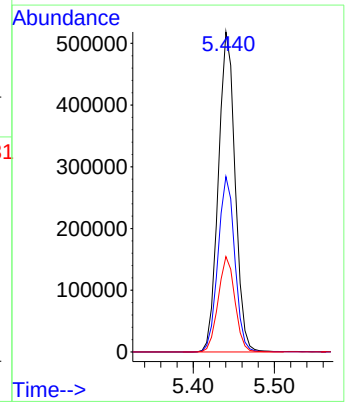


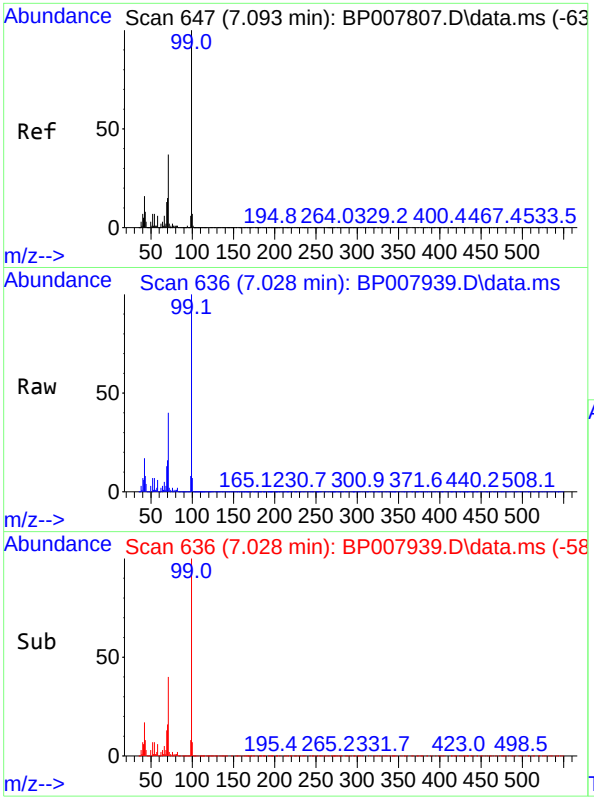




#5
2-Fluorophenol
Concen: 91.362 ng
RT: 5.440 min Scan# 366
Delta R.T. -0.006 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:112 Resp: 744638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.8 | 46.6 | 70.0 |
| 63 | 29.8 | 25.0 | 37.6 |



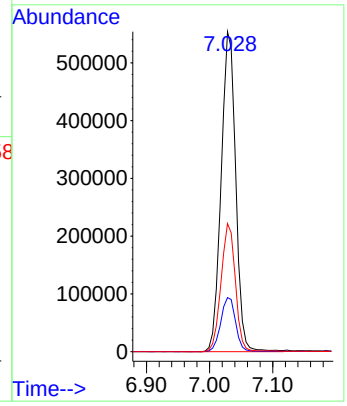


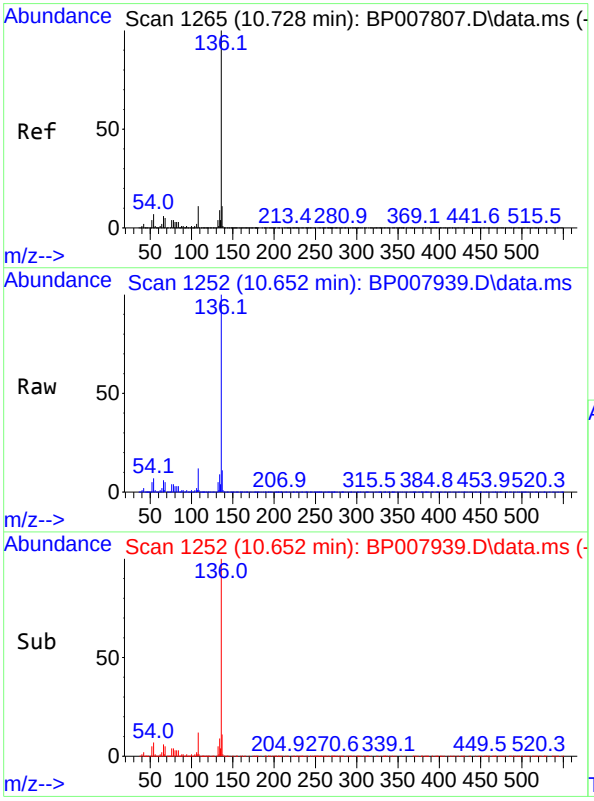

#7
Phenol-d6
Concen: 75.053 ng
RT: 7.028 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

Tgt Ion: 99 Resp: 885395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 14.9 | 22.3 |
| 71 | 40.0 | 29.2 | 43.8 |

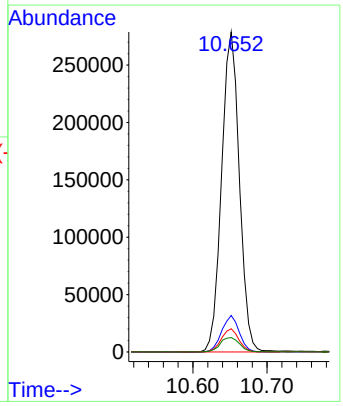


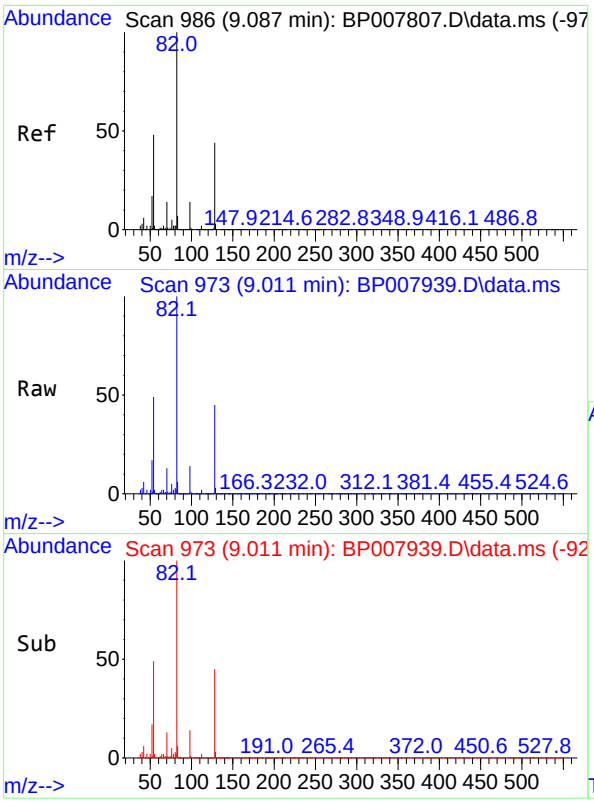




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1252
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:136 Resp: 464839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.6 | 13.0 |
| 54 | 7.2 | 6.2 | 9.4 |
| 68 | 4.5 | 4.7 | 7.1# |



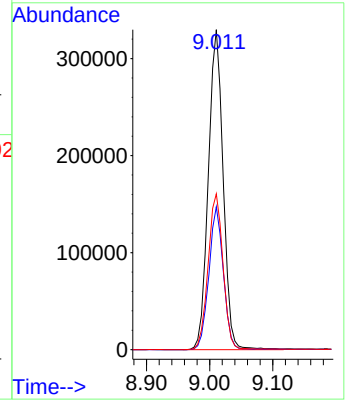


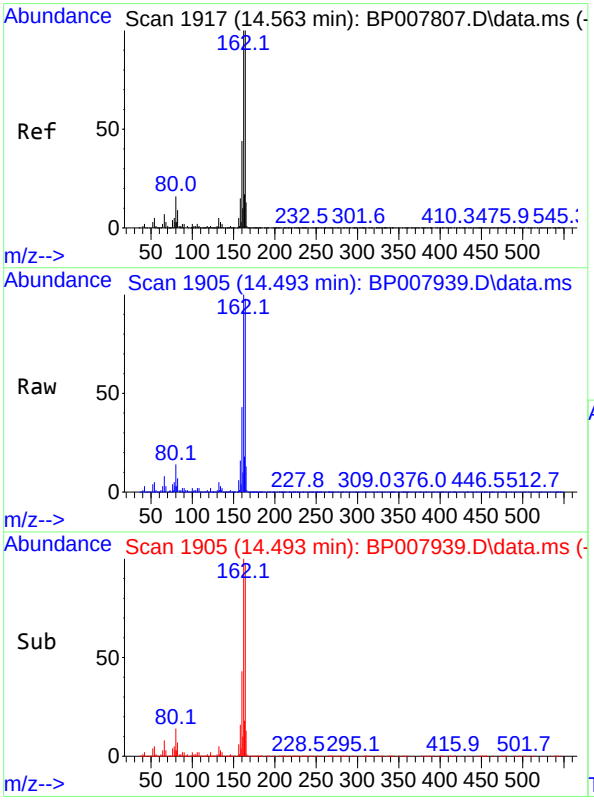

#23
Nitrobenzene-d5
Concen: 62.217 ng
RT: 9.011 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

Tgt Ion: 82 Resp: 538392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.6 | 32.6 | 48.8 |
| 54 | 48.7 | 40.4 | 60.6 |

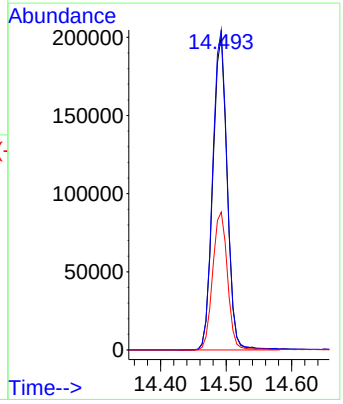


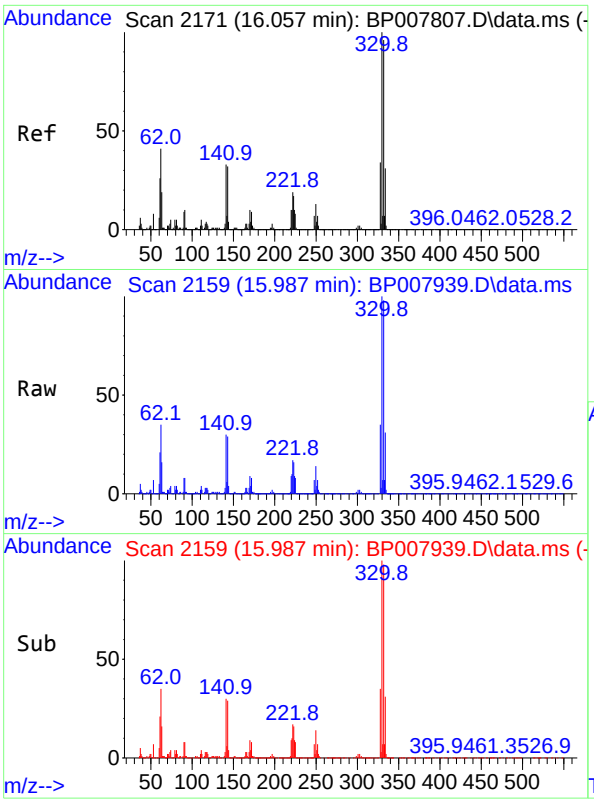




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:164 Resp: 304806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 81.1 | 121.7 |
| 160 | 43.8 | 36.0 | 54.0 |



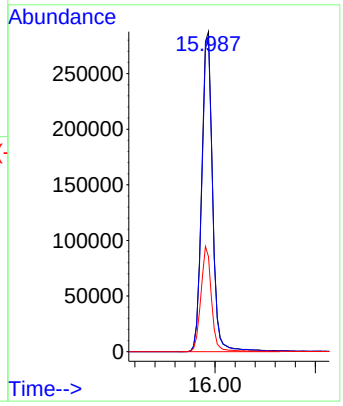


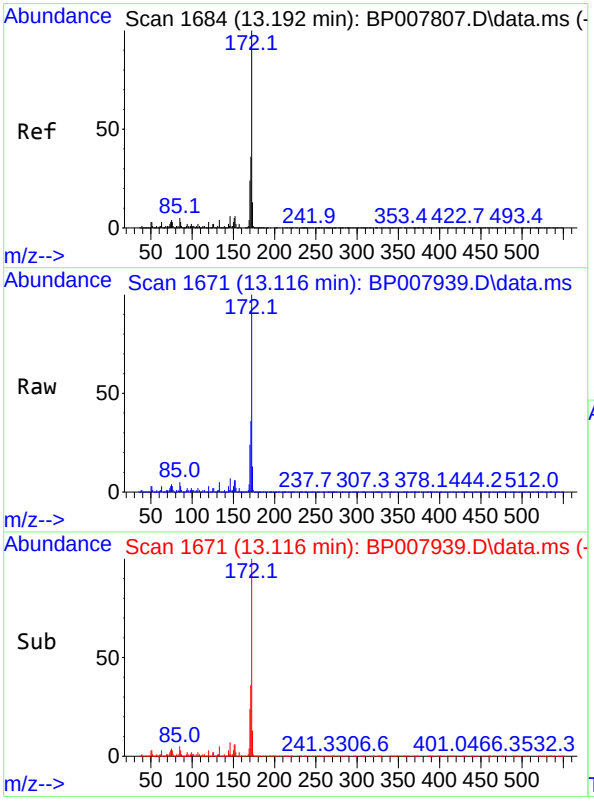

#42
2,4,6-Tribromophenol
Concen: 99.571 ng
RT: 15.987 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

Tgt Ion:330 Resp: 433138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 78.9 | 118.3 |
| 141 | 32.1 | 30.7 | 46.1 |

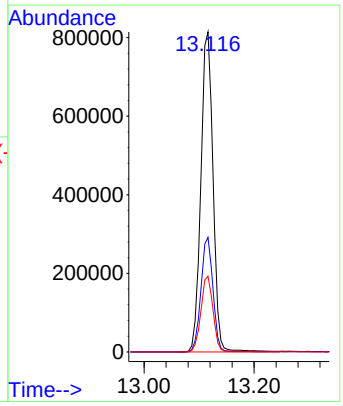


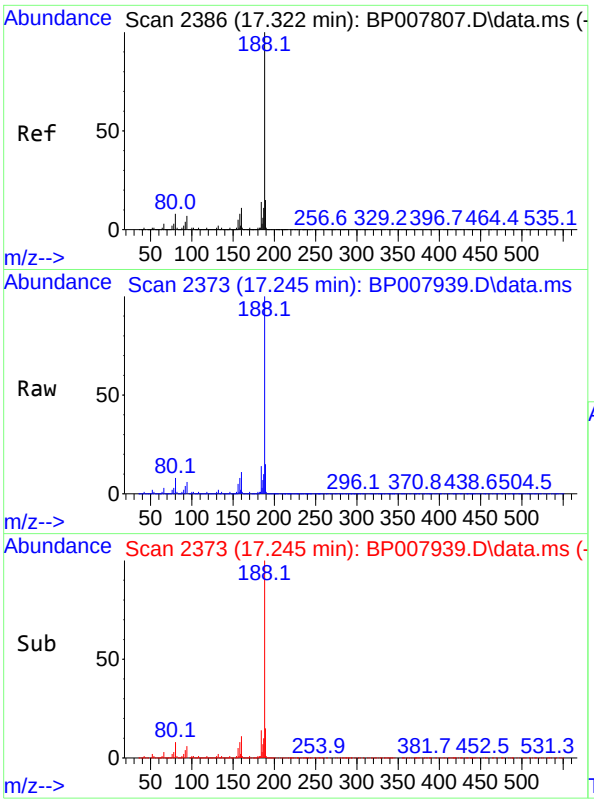




#45
2-Fluorobiphenyl
Concen: 59.957 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:172 Resp: 1254931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.2 | 42.2 |
| 170 | 23.6 | 19.0 | 28.4 |



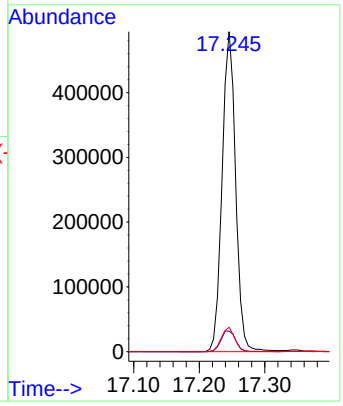


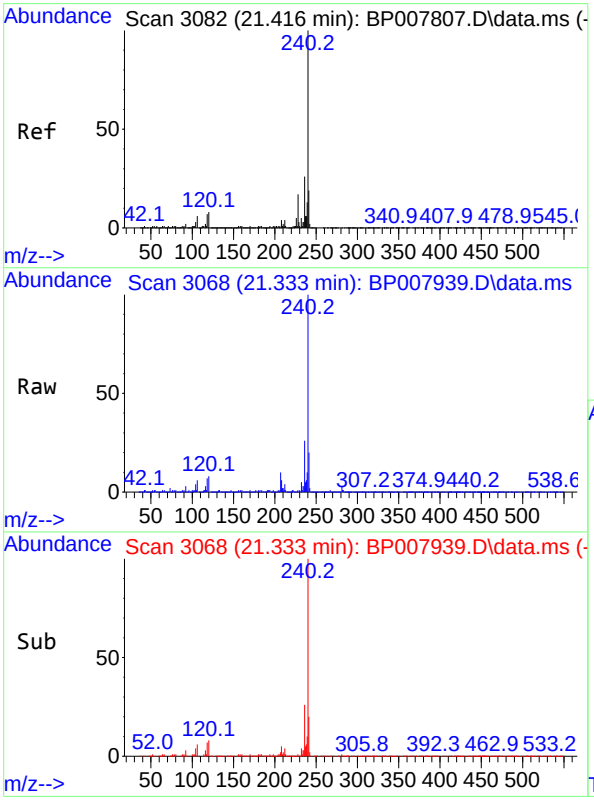

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

Tgt Ion:188 Resp: 703099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.4 | 7.1 | 10.7# |
| 80 | 7.6 | 7.8 | 11.6# |

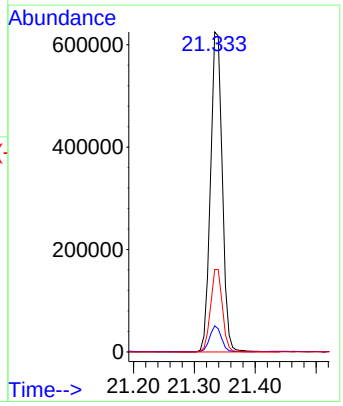


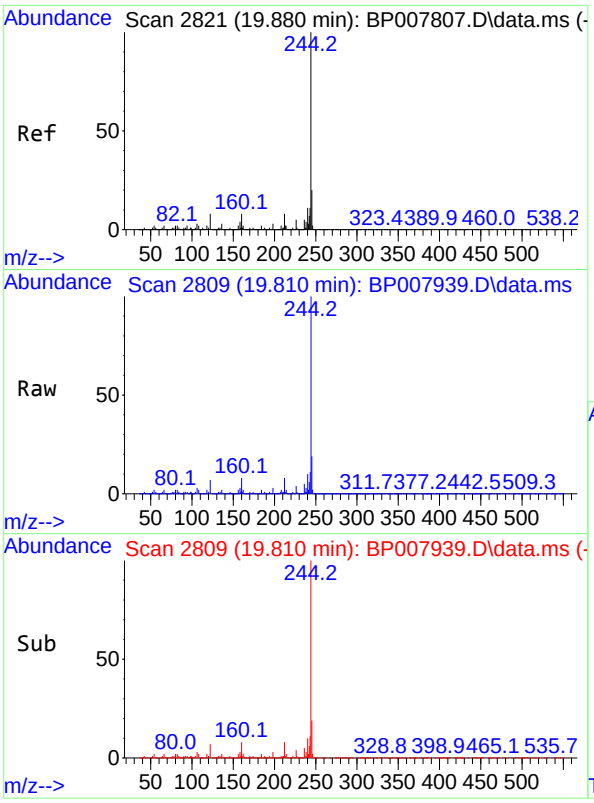




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3068
Delta R.T. -0.018 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:240 Resp: 839033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.2 | 7.8 | 11.8 |
| 236 | 25.8 | 20.6 | 30.8 |



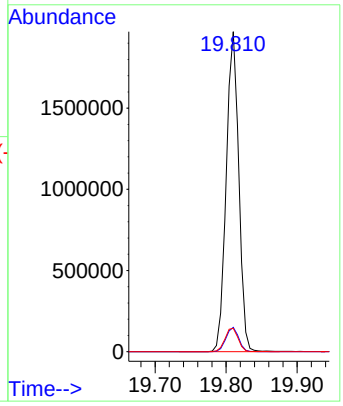


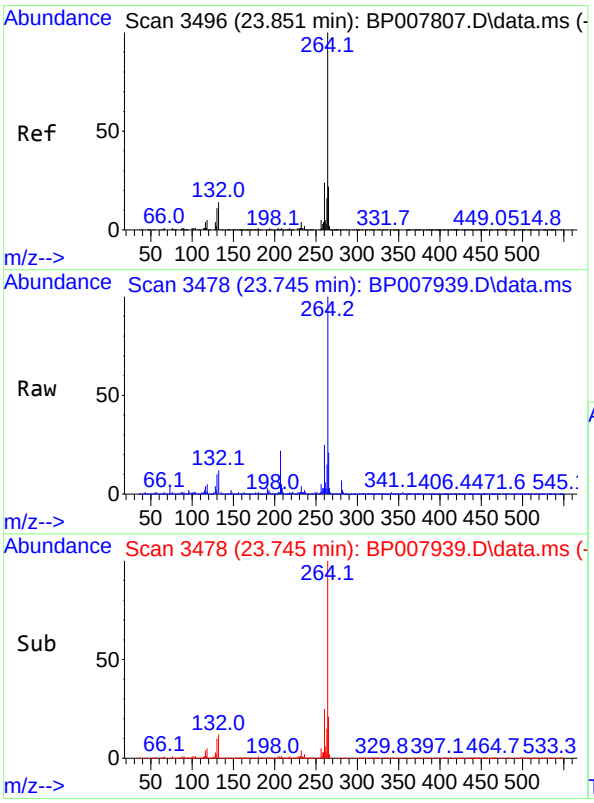

#79
Terphenyl-d14
Concen: 58.317 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

**Instrument :**
BNA_P
**ClientSampleId :**
VWE-B19-110821-10-20

Tgt Ion:244 Resp: 2402897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.2 | 9.2 |
| 122 | 7.3 | 7.8 | 11.8# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3478
Delta R.T. -0.024 min
Lab File: BP007939.D
Acq: 11 Nov 2021 02:10

Tgt Ion:264 Resp: 955643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 19.1 | 28.7 |
| 265 | 21.4 | 16.7 | 25.1 |